

Title (en)

METHOD AND APPARATUS FOR CONTINUOUS CASTING OF CRYSTALLINE STRIP

Publication

EP 0174765 B1 19891102 (EN)

Application

EP 85306047 A 19850827

Priority

US 65037384 A 19840913

Abstract (en)

[origin: EP0174765A2] A method is provided for directly casting molten metal (19) from the exit end (26) of a casting vessel (18) onto a moving casting surface (20) to form a continuous strip (15) of crystalline metal. The surface tension of the molten metal (19) flowing from the exit end (26) forms the top, edge and bottom surfaces of the strip (15) being cast to provide good strip surface quality, edges and structure. An apparatus is also provided including a casting vessel (18) having a molten metal receiving end (22) and an exit end (26) from which a fully developed uniform flow of molten metal (19) leaves through a U-shaped structure onto a moving casting surface (20). A direct cast strip product is also provided.

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CPC (source: EP KR)

B22D 11/06 (2013.01 - KR); **B22D 11/0611** (2013.01 - EP)

Cited by

GB2215248B; EP0467807A1; FR2664513A1; GB2203680A; GB2203680B; EP0613744A1; US5564489A

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